

Amendments to the Claims:

1. (currently amended) A chemical mechanical polishing slurry being free of heteropolyacid for polishing a metal film, said slurry comprising an organic polymer abrasive and an oxidizing agent selected from the group consisting of hydrogen peroxide, iodic acid, potassium iodate, ferric nitrate, ammonium chlorite, ammonium chlorate, ammonium iodate, ammonium perborate, ammonium perchlorate, ammonium periodate ammonium persulfate, tetramethylammonium chlorite, tetramethylammonium chlorate, tetramethylammonium iodate, tetramethylammonium perborate, tetramethylammonium perchlorate, tetramethylammonium periodate, tetramethylammonium persulfate, urea.
2. (original) The chemical mechanical polishing slurry according to claim 1, wherein said metal film comprises copper.
3. (original) The chemical mechanical polishing slurry according to claim 1, wherein the organic polymer abrasive is poly (methyl methacrylate).
4. (original) The chemical mechanical polishing slurry according to claim 1, wherein the organic polymer abrasive is colloidal poly (methyl methacrylate).
5. (original) The chemical mechanical polishing slurry according to claim 1, wherein said organic polymer abrasive is present in said slurry in a weight percent ranging from about 1 to 10.
6. (original) The chemical mechanical polishing slurry according to claim 1, wherein said organic polymer abrasive is present in said slurry in a concentration ranging from about 3 to 8 weight percent.
7. (original) The chemical mechanical polishing slurry according to claim 1, wherein said organic polymer abrasive is present in said slurry in a concentration of about 5 weight percent.

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8. (original) The chemical-mechanical polishing slurry according to claim 1, wherein said abrasive has a particle size distribution in a range of from about 10 to 75 nm.
 9. (original) The chemical-mechanical polishing slurry according to claim 1, wherein said abrasive has a particle size distribution in a range of from about 20 to 60 nm.
 10. (original) The chemical-mechanical polishing slurry according to claim 1, wherein said abrasive has a particle size distribution in a range of from about 29 to 55 nm.
 11. (original) The chemical mechanical polishing slurry according to claim 1, further comprising an oxidizing agent and an activating agent.
 12. (original) The chemical mechanical polishing slurry according to claim 1, wherein said slurry comprises from about 1 to 10 % by weight organic polymer abrasive; from about 1 to 20 % by weight oxidizing agent and from about 0 to 5 % activating agent.
 13. (original) The chemical mechanical polishing slurry according to claim 12 further comprising from about 0.1 to 2 percent surfactant.
 14. (original) The chemical mechanical polishing slurry according to claim 13, wherein said surfactant is selected from the group consisting of non-ionic, cationic and anionic.
 15. (original) The chemical mechanical polishing slurry according to claim 13, wherein said surfactant is anionic.
 16. (original) The chemical mechanical polishing slurry according to claim 13, wherein said surfactant is water-soluble.
 17. (original) The chemical mechanical polishing slurry according to claim 15, wherein said anionic surfactant is selected from the group consisting of carboxylates, alkyl sulfates and alkyl phosphates.

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18. (original) The chemical mechanical polishing slurry according to claim 15, wherein said anionic surfactant is sodium laurel sulfate.
19. (original) The chemical mechanical polishing slurry according to claim 1, further comprising a pH modifier selected from the group consisting of: potassium hydroxide, sodium hydroxide, ammonium hydroxide and tetra methyl ammonium hydroxide wherein said pH modifier is present in an amount sufficient to modify the pH to a region of about 2 to 4.
20. (original) The chemical mechanical polishing slurry according to claim 11, wherein said oxidizing agent is selected from the group consisting of hydrogen peroxide, iodic acid, potassium iodate, and ammonium perborate.
21. (original) The chemical mechanical polishing slurry according to claim 11, wherein said oxidizing agent is hydrogen peroxide.
22. (canceled)
23. (original) The chemical mechanical polishing slurry according to claim 1, further comprising a passivating agent.
24. (original) The chemical mechanical polishing slurry according to claim 1, further comprising a complexing agent.
25. (original) The chemical mechanical polishing slurry according to claim 1, having a pH in a range of from about 0.1 to 6.9.
26. (original) The chemical mechanical polishing slurry according to claim 1, further comprising an oxidizing agent, an activating agent, a passivating agent and a complexing agent.
27. (original) The chemical mechanical polishing slurry according to claim 1, wherein said slurry comprises from about 1 to 10 % by weight organic polymer abrasive; from about 1

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to 20 % by weight oxidizing agent; from about 0 to 5 % activating agent; from about 0.01 to 2 % and from about 0.01 to 3 percent complexing agent.

28. (original) The chemical mechanical polishing slurry according to claim 27, further comprising a pH modifier selected from the group consisting of potassium hydroxide, sodium hydroxide, ammonium hydroxide and tetra methyl ammonium hydroxide wherein such pH modifier is present in an amount sufficient to modify the pH to a region of about 2 to 4.
29. (original) The chemical mechanical polishing slurry according to claim 26, wherein said passivating agent is a carboxylic acid.
30. (original) The chemical mechanical polishing slurry according to claim 26, wherein the passivating agent is selected from the group consisting of glycine, oxalic acid, malonic acid, succinic acid and nitrilotriacetic acid.
31. (original) The chemical mechanical polishing slurry according to claim 26, wherein the passivating agent is a dicarboxylic acid.
32. (original) The chemical mechanical polishing slurry according to claim 31, wherein the dicarboxylic acid has a nitrogen containing functional group.
33. (original) The chemical mechanical polishing slurry according to claim 31, wherein the dicarboxylic acid is iminodiacetic acid.
34. (original) The chemical mechanical polishing slurry according to claim 26, wherein the passivating agent is iminodiacetic acid.
35. (original) The chemical mechanical polishing slurry according to claim 1, wherein the metal film comprises copper, a copper alloy or a copper compound having copper as its principal component.

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36. (original) The chemical mechanical polishing slurry according to claim 1, wherein the metal film comprises aluminum, an aluminum alloy or an aluminum compound having aluminum as its principal component.
37. (original) The chemical mechanical polishing slurry according to claim 1, wherein the metal film comprises tungsten, a tungsten alloy or a tungsten compound having tungsten as its principal component.
38. (original) The chemical mechanical polishing slurry according to claim 37, wherein the tungsten compound is a tungsten nitride.
39. (original) The chemical mechanical polishing slurry according to claim 1, wherein the metal film is selected from the group consisting of titanium, a titanium alloy, or a titanium compound having titanium as its principal component.
40. (original) The chemical mechanical polishing slurry according to claim 39, wherein the titanium compound is selected from the group consisting of titanium nitride and silicon doped titanium nitride.
41. (original) The chemical mechanical polishing slurry according to claim 1, wherein the metal film is selected from the group consisting of tantalum, a tantalum alloy or a tantalum compound having tantalum as its principal component.
42. (original) The chemical mechanical polishing slurry according to claim 41, wherein the tantalum compound is selected from the group consisting of tantalum nitride and silicon doped tantalum nitride.
43. (original) The chemical mechanical polishing slurry according to claim 26, wherein the activating agent is selected from the group consisting of inorganic and organic acids.
44. (original) The chemical mechanical polishing slurry according to claim 43, wherein the inorganic acid is selected from the group consisting of phosphoric acid and iodic acid.

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45. (original) The chemical mechanical polishing slurry according to claim 43, wherein the organic acid is selected from the group consisting of citric acid and malonic acid.
46. (original) The chemical mechanical polishing slurry according to claim 26, wherein the complexing agent is selected from the group consisting of citric acid and malonic acid.
47. (original) The chemical mechanical polishing slurry according to claim 26, further comprising potassium hydroxide, sodium hydroxide or ammonium hydroxide in such amounts to modify the pH to a region of about 0.1 to 6.9.
48. (currently amended) A ~~The~~ chemical mechanical polishing slurry being free of heteropolvacid and consisting essentially of ~~according to claim 1,~~ wherein said slurry ~~comprises~~ about 5 percent poly (methyl methacrylate) abrasive, about 5 percent hydrogen peroxide, about 0.1 percent citric acid, about 0.2 percent iminodiacetic acid, about 0.013 percent ammonia, and about 90 percent water.
49. (original) The chemical mechanical polishing slurry according to claim 48 having a pH of about 2.5.
50. canceled.
51. (new) A chemical mechanical polishing slurry composition consisting essentially of from about 0.1 to 50 percent colloidal poly (methyl methacrylate) abrasive, from about 0.1 to 25 percent oxidizing agent; from about 0 to 5 percent activating agent; from about 0 to 3 percent corrosion inhibitor and from about 0 to 3 percent cleaning agent.